24683 W.W. # 279

STATE OF BOWTH A. S. County of Petroleum, Ss. Filed FEB 4 1966 19 at 10:15 of the Bonny & Veryl Director of Legent

Deputy 2.00 PS.

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County
Potroloum
MONTANA BUREAU OF MINES AND GEOLOGY & CEIVE
WATER WELL LOG
STATE ENCINEER
Owner Carrotte Tables Address Could County Transcript
Drillers & Lavingston Estate Address to Deposite
Date Started Date Completed 2003
Location: Sec. 32 T.355 R. 202 1/4 sec.
Type of well Equipment used In Court (Churn drill, rotary, other)
Water use: Domestic Municipal Stock I Irrigation
Industrial Drainage Other:
Casing:ft. toft. TypeSizeSize
Casing:ft. toft. TypeSize
Casing:ft. toft. TypeSize
Perforated or Screened: Ft to ft to ft to ft
Type of screen or perforations
Static Water level, for non-flowing well:
Shut-in pressure, for flowing well:lb./sq. in. on:
(date)
Pumping water levelfeet at
How tested:
Length of test 25 hr.
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
© (over)

Dept	ln, feet	
From	То	Description of Material Drilled
- O-	13	Randy olay
13	52	Grey sendstone
52	69	Blue sandstone with hard strucks
69	70	Hard sandy lims
70	169	Flue sandetone (hard ledges)
169	166	Grey sendstone
3.55	201	groy shale
		
	1	
<u>.</u>	<u> </u>	
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		4 1 98 1
	Con K	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
79 	ON.	o'c ock County
24 24 25 25 25	STATE OF MONTANA.	
	178. 178. (
	<u> </u>	1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Form No. 18 8-60

04-00	T. R. 28
	County Perholeum
MONTANA BUREAU OF MINE Butte, Monta	ES AND GEOLOGY DECEIVED
WATER WELL WATER WELL	LOG STATE ENGINEER
Owner wayne Eretten	Addressinnett, Hontana
Cleaned out by Driller Connes O. Him	gley Address Lewistown, Montana
Date Started	Date Completed August 1958
	5 R. 28 4 sec and of hat
Type of well <u>Drilled</u> Equip (Dug, driven, bored, or drilled)	oment used Cable Tool (Ghurn, drill, rotary, other)
Water use: Domestic Municipal Industrial Drainage	Stock Irrigation
Casing: 2 ft. to 185 ft. Type	
Casing: ft. to ft. Type	
Casing:ft. toft. Type	
Perforated or Screened: Ftto ft	to ftto
Type of screen or perforations	
Static Water level, for non-flowing well:	
Shut-in pressure, for flowing well:	lb./sq. in. on:
Pumping water level 140 feet at	•
How tested: Sailing	
Length of test 2 hr.	
Remarks: (Gravel packing, cementing, packershut-off)	ers, type depth of
Casing pulled hole cleaned out August 1958-	-casing reinied and perforeted
Four packers set. Gell drilled approximate	ly 1918.
(OVER)	

Log of Well

Depth, feet From To		
From	To	Description of Material Drilled
	140	Shale. Classett
140	185	Sandatone
		
	-	LSOUS TATEO
	 	A CONTRACTOR OF THE SECOND OF
		o'clock County Reten
		County Recorder.
		Son R
		
	·	
		

GW 2 Revised 1969

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODENTANA DEPART TENT OF NATUGITAVE, sandstone, etc. Show CE OF COMPLETION OF GROUNDWATER STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER DRILLER'S LOG Indicate the character, color, thickness of strata such as soil, clay, sand, ness NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962		heigh	t to which water rises in well.
(Under Chapter 237 Montana Session Laws, 1961, as amended)	Top of	Ground	d (Elev. above sea level)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located last copy to be retained by driller.	From (Feet)	To (Feet)	
Please answer all questions. If not applicable, so state, otherwise the form may be returned.			area and an area area area area area area area a
Owner LA Vontver For Administrator's Use			as yours, making a copy parts (MINI Same source count from Same Stage) While Same Stage St
Address 7022 49 th Amen Mails 27871: 331			
		<u> </u>	
Type of well Dug			
(Churn drill, rotary or other)	ļ	 	
water Use: Domestic Municipal Stock Irrigation			
Industrial Drainage Other * Garden/Lawn			
Index Chapter 237 Montana Session Laws, 1961, as amended) form to be prepared by driller, and three copies to be filted he womer with the County (clerk and Recorder in the county in the the work of the the County (clerk and Recorder in the county in the the work of the the County (clerk and Recorder in the county in the the work of the the County (clerk and Recorder in the county in the the work of the the County (clerk and Recorder in the county in the the work of the the county (clerk and Recorder in the county in the the work of the county in			
USE: If used for irrigation, industrial, drainage or other. Explain,			
Hote of Casing	_		
Size (Feet) (Feet)			
4 x 3 19 a 19 a 11 a			
	 		
N Static water level 25 ft			
Pumping water level			
began.			
Well developed by			
for hours.	ļ		more carrie mand mand mand carrie farms have bland Paids Share Plant Stope town office verby or
Remarks: (Gravel packing, cementing	,		
s packers, type of shutoff)			
NW 4NE 14 Sec 24 T 15 0 R 28 E	·		
S W			
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.			
Driller's Signature			
Driller's Address			
LICENSE NO. OR		30'	Show exact depth of bottom

W.W. 331

IWZ L.A. Vontoen

STATE OF MONTANA, County of Petroleum, Filed MIN 27 1973

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County Potropole CEIVED

GEOLOGY

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

STATE ENGINEER

WATER WELL LOG

1		
OwnerThompson	- Brothers	Address. Winnetty Fontens.
Driller H. I.	dngston Estate	Address Mirrott, Montono
Date Started. July.	2, 1961	Date Completed 5113 5 1961
Location: Sec. 25	T/FN R28E 1/4	sec
Type of well Drilled (Dug, driven, bored, or dri	Equipment used	otany
Water use: Domestic . Muni	· ·	
Industrial Drai	nage Other:	
Casing:ft. to303	ft. Type	Size
Casing:ft. to	ft. Type	Size
Casing:ft. to	ft. Type	Size
Perforated or Screened: Ft. 158	to ft 185 Ft	249 to ft303
Type of screen or perforations	erferations	
Static Water level, for non-flowing well:		feet.
Shut-in pressure, for flowing well:	lb./sq. in. on:	
Pumping water level 165	feet at 6	(date)
How tested: Balled		
Length of test.		
_		
Remarks: (Gravel packing, cementing, pack		•
Homemade packer		
		,
	(over)	***************************************

		Log of Well					
	n, feet	Description of Material Drilled					
From	То						
8	24	surface soil					
21,	72	bile clay and sondstone					
72	73	limestone ledge					
73	88	blue sandstone					
88	119	blue sandy clay					
129	120	hard sandstone					
150	136	blue sandstone and clay					
136	245	blue sandy clay					
145	150	hard sandstone					
150	228	blue grey sandstone					
228	. 235	sandstons					
235	264	sandstone with clay					
56f†	5917	sandstone with shale streaks					
294	303	shale					

	1						
		*					
		18 8					
	<u> </u>	10 14 & 3 3					
	<u> </u>	o'clock Colsuly rice D.					
		OBJUTAN HOCK					
	<u> </u>	Recorder.					
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GW 2 £		•		Approved	Stock Form-	State Publishin	g Co., Helena	, Montana—390	37
File N	0		, 1	e e		т	15 N	R 28	
DUPL	CATE P	H101- /	1000	1///		C	County P	etrolew	n.
	1	ι_{i} . \langle	1. N	10	STATE	OF MONT	'ANA		- man 1
	Top of Ground	1	ممتد	ADMINIS 01	TRATOR OF	OF GROUI STATE E	idwater Ngineer	CODE!	EIN
-	(Elev. above sea lovel	,	1	Notice of	Compl	etion c	f Grou	ındwat	iggz (P) ier
0		/	•	Approp	riation	by Me	eans /o	FWell:	INFER
-6	Surface			(Under Cl.					III Am im IV
6 -9	Gravel		Owner	D. W. Whis	onant	Addres	s Winne	ett, Mor	ntana
_9			Drille ^W !	ellman & Mu	unson Di	clg_addres	s Grass	Range,	Montana
1 6	Clay & gravel		Date of	Notice of Appro	priation of	Groundwa	ter (No	t Appli	cable)
16 1 2 5	Shale		Date we	ell started Oct.	8 190	32 Date C	ompleted	Oct. 13	1962
125 155	Sandy shale			well Drilled driven, bored or d)	<u> </u>		, drill, rotar		<u>y</u>
155 158	Hard rock		Water 1	Use: Domestic Industrial	_	nicipal [Other Stock		rigation 🔲
158 165	Sand (some wate	r)	strata n	dicate on the di act with in drilli epth at which w	ing, such a	s soil, clay,	shale, gra	vel, rock o	r sand, etc.
165 175	Sandy shale			strata and heigh		*			01 1766.1
ļ			of	Size and	From	To	l	PERFORATION	18
175			lled .	Weight of	(Feet)	(Feet)		Date Old Livor	
175 189	Sand (Water inc	reased	ole	Casing	(Feet)	(Feet)	Kind Size	From (Feet)	To (Feet)
	Sand (Water inc	reased). 7	7/8	17# 6 5/8	(Feet)	(Feet) 20	Kind	From	To
	Sand (Water inc	reased). 7	7/8	Casing			Kind	From	To
	Sand (Water inc	reased). 7	7/8	17# 6 5/8	0	20	Kind	From	To
	Sand (Water inc	reased). 7	7/8	17# 6 5/8	0	20	Kind	From	To
	Sand (Water inc	reased). 7	7/8 5/8	17# 6 5/8	0	20 125	Kind Size	From (Feet)	To (Feet)
		reased). 7	7/8 5/8	Casing 17# 6 5/8 11# 4 1/2 atic Water Level	O O for non-flo	20 125 Owing Well.	Kind Size	From (Feet)	To (Feet)
		reased). 7	7/8 5/8 Sta	Casing 17# 6 5/8 11# 4 1/2	O O for non-flo	20 125 Owing Well.	Kind Size	From (Feet)	To (Feet)
		reased). 7	7/8 5/8 5/8 Sta	17# 6 5/8 11# 4 1/2 atic Water Level ut-in Pressure fumping Water Le	O O for non-flo	20 125 owing Well	Kind Size	From (Fret) 30 Lbsgal.]	To (Feet)
		reased). 7	7/8 5/8 Sta	17# 6 5/8 11:# 4 1/2 atic Water Level ut-in Pressure f imping Water Le scharge in gal. p	O O or Flowing vel	20 125 owing Wellfee	Kind Size	30 Lbsgal.	feet. min.
	N	reased). 7	7/8 5/8 Sta	17# 6 5/8 11:# 4 1/2 atic Water Level ut-in Pressure fumping Water Lescharge in gal. pow Tested	o or Flowing	20 125 Dwing Well	Kind Size Approx. t at th of Test	30 Lbsgal.	feet.
	N	reased). 7	7/8 5/8 Sta	Casing 17# 6 5/8 11:# 4 1/2 atic Water Level ut-in Pressure f emping Water Le scharge in gal. p ow Tested marks: (Gravel tion of	for non-floor Flowing vel	20 125 Wellfee flowing we Leng cementing, se of groun	Approx. at at	30 Lbs. gal. per	feet. per minute. Min, utoff, loca- ll, and any
	N	reased). 7	7/8 5/8 Sta	casing 17# 6 5/8 11:# 4 1/2 atic Water Level ut-in Pressure f umping Water Le scharge in gal. p ow Tested marks: (Gravel tion of other s	for non-floor Flowing vel	20 125 Well feet flowing we cementing, se of grountinent info	Approx. at at	30 Lbsgal. paral. Per	feet. per minute. Min. ntoff, loca- ll, and any number of
	W	reased F	7/8 5/8 Sta	atic Water Level ut-in Pressure f imping Water Le scharge in gal. p w Tested	for non-flo or Flowing vel	20 125 owing Well	Mpprox. t at	30 Lbsgal. per	feet. per minute. Min. utoff, loca- ll, and any number of
	W 1/4SE Sec. 33 T. Indicate location of	reased F	7/8 5/8 Sta	atic Water Level ut-in Pressure f imping Water Le scharge in gal. p w Tested	for non-flo or Flowing vel	20 125 owing Well	Mpprox. t at	30 Lbsgal. paral. Per	feet. per minute. Min. utoff, loca- ll, and any number of
	w SW 1/SE Sec. 33 T. Indicate location of place of use, if poss small square represent	7 5 R 28 Well and sible. Each	7/8 5/8 Sta	atic Water Level ut-in Pressure f imping Water Le scharge in gal. p w Tested	for non-flo or Flowing vel	20 125 owing Well	Mpprox. t at	30 Lbsgal. per	feet. per minute. Min. utoff, loca- ll, and any number of
	SW 1/SE Sec. 33 T. Indicate location of place of use, if poss small square represent 189 T. D.	7 5 S Well and sible. Each ts 10 acres.	7/8 5/8 Sta	atic Water Level ut-in Pressure f imping Water Le scharge in gal. p w Tested	for non-flo or Flowing vel	20 125 owing Well	Mpprox. Approx. It at	30 Lbsgal. per	feet. per minute. Min. utoff, loca- ll, and any number of
	w SW 1/SE Sec. 33 T. Indicate location of place of use, if poss small square represent	7 5 S Well and sible. Each ts 10 acres.	7/8 5/8 Sta	atic Water Level ut-in Pressure f imping Water Le scharge in gal. p w Tested	for non-flo or Flowing vel	20 125 owing Well	Mpprox. Approx. It at	30 Lbsgal. paral. Per	feet. per minute. Min. utoff, loca- ll, and any number of
	SW 1/4SE Sec. 33 T. Indicate location of place of use, if poss small square represent 189 T. D. Show exact depth of both	7 5 S Well and sible. Each ts 10 acres.	ole 7/8 5/8 Sta Sh Pu Dis E Ho	atic Water Level ut-in Pressure f imping Water Le scharge in gal. p w Tested	for non-flo or Flowing vel	20 125 owing Well	Mpprox. Approx. It at	30 Lbsgal. paral. Per	feet. per minute. Min. utoff, loca- ll, and any number of

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

21532

Cousty of Petrolenea.

Filed October 22 1962

at 8: 45 o'clock A M.

County Recorder.

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Bonny & Days

Gy* 2	•	Approved Stock Form—State Publishing Co., Helena, Montana—42329
		TATE WATER CONSERVATION BOARD T. 15 NR 282
DUPLI	CATE	DEC 12 1966 County Outlot
	rod	Buttonia ADMINISTRATOR OF GROUNDWATER CODE
	Top of Ground	Dariakon Susivan
_0	(Elev. above sea level	Notice of Completion of Groundwater Appropriation by Means of Well
-6	Jugalia eland	DEVELOPED AFTER JANUARY 1, 1962
10	and Sand Silt	(Under Chapter 237, Montana Session Laws, 1961)
22	Sticky Shale	Owner Gersmel Address Winnett mot
114	Shale of	Driller Heurson Dolg G. Address Grass Pauge mont
119	Hard Sand + Shell	a AAI. Of hos
175	Eagle-Sand-T.	Date of Notice of appropriation of groundwater. No. 12-1966 Date well started. Nov. 13-1966 Date completed Nov. 21-1966
<u> </u> -		0 '004
		Type of well Equipment used (Dug, Driven, bored or drilled) (Churn drill, rotary or other)
	=	Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ ☐ Industrial ☐ Drainage ☐ Other ☐
-		Indicate on the diagram the character and thickness of the different strata
-		met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing
		strata and height to which the water rises in the well. Size of Size and From To DEDECT ATTOMS
		Drilled Weight (Feet) (Feet) PERFORATIONS Hole of Casing Kind From To
		9" 7"20" 0 22 Cemental 0 22
		64" 23 175
-		4X0:12:10 0 175 Barres 1515 175
	i i	45 Casing Camate 0 124
	<i>:</i>	N Static Water Level for non-flowing well
		Static Water Level for non-flowing well
-		Shut-in Pressure for Flowing Well
		Pumping Water Levelfeet E atgal per minute.
		Discharge in gal. per min. of flowing well
		GO How Ported
-		How Tested
		Remarks: (Gravel packing, cementing, pack-
		Indicate location of well and
		place of use, if possible. Each 2 134 Lements 0-134 small square represents 40
	· · · · · · · · · · · · · · · · · · ·	acres.
-		(Continue on reverse side)
		USE_If used for irrigation, industrial, drainage or other. Explain, state
F		number of acres and location or other data (i.e.: Lot, Block and Addition).
-		
لسيا	Show exact depth of botto	
		26
County C	lerk and Recorder in the county	three copies to be filed by the owner with the in which the well is located, tissue copy to be Driller's License Number
	by driller.	licable, so state, otherwise the form will be
returned.		licable, so state, otherwise the form will be Driller's Signature
		41,420

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County Patri louin Twp. 15N Rge. 29 F

Sec.	Name of	Appropriator		Type of	Form	County File No.	Remarks	
7	Vontro	r. L. A.		6.11	3	27.572		
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14	11	<i>)</i> ,	- ',			1.5-		
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14	11	'/	7,			17		_

GROUNDWATER INDEX

Page 2 of 2

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County Potroloxm Twp. 151 Rge. 29E

County File No. Type of Form Remarks Name of Appropriator 74 WOTT-109 11 --11 11 .11 Gi Was 6WH continental oil Ca.

RECEIVED

File No.....

DUPLICATE

JUN 28 1973

T. 15NR 29 E. County Petroleum.

MONYANA DEPARTMENT DE NATURALA RESOURCES ASSACRATOR DE NATURALA

ADMINISTRATOR OF GLOUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	27872; 332 gum 27, 1973 11:30 A.m.	Date of Appropriation of Groundwater Afficial 1976 Owner A. H. Vontver Address 2022, 49 % H. W. E. Contractor (if any) Address of Contractor Address of Contractor Date Completed an alone
w .	S NE VANE. Sec. 7. TISV R29E Indicate point of appropriation and place of use, if possible.	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

97872

SANCE A STANCE

332

G.W. 3 L.A. Vontoer

STATE OF MONTANA, County of Petroleum, Filed JUN 2 7 1973

GW 2	`	.•	Approved	Stock Form-	State Publishin	g Co., Helena,	Montana-390	185
File No	•				Т	15N]	R 29E	
DUPLIC	ATE				C	County Petr	oleum	• •
	Top of Ground		01	TRATOR (OF GROUI	NG THEFR	v 27 19	
_	(Elev. above sea level2824	Appropriation by Means of Well INEER						
-						Session Law		
		Ouman	Continental	011 Co.	A ddroc		ectric I	
_	1500					S		
Signal A	Perf.	Date of	Notice of Appro	priation of	Groundwa	te r		
_ ž	1676 Calculated Cement	Date we	il started Aug	11,192	5Date C	ompleted. Au	g30,1	.925
	1700 Bridge Plug		well Drille driven, bored or d)	ed .		ı, drill, rotary		
-	. :	Water U	Use: Domestic Industrial		nicipal [Other [Stock [rigation [
	TD 1922'		licate on the d	-				
	2006	Show de	net with in drill opth at which w strata and heig	ater is enco	untered, t	hickness and	l characte	
_ [-	Size of	Size and	From	To	P	ERFORATION	19
-		Drilled Hole	Weight of Casing	(Feet)	(Feet)	Kind Size	From (Feet)	To (Feet)
_			12½" 45# 10" 40#	Surface Surface	323' 1198'		(4 3 4 4)	
			7" 20#	Surface	1916'	Jets 5/8	" 1556 1636	1630 1656
<u> </u>			J	}		[1000
						1		
-								
		Sta	atic Water Level	for non-flo	wing Well	300 to		face feet.
- - -	N N		atic Water Level ut-in Pressure f					
	N N	Sh		or Flowing	; Well			
		Share Pur	ut-in Pressure f	or Flowing	Wellfee	et at 76	gal.]	per minute.
		She Pu	ut-in Pressure f	or Flowing vel 800 er min. of	Wellfee	et at 76	gal.]	per minute.
		Shi	ut-in Pressure f mping Water Le scharge in gal. p w Tested	or Flowing vel800 er min. of da Rump packing, place of us	Wellfee	ellth of Test packers, to	gal. p	per minute.
		Shi	ut-in Pressure f mping Water Le scharge in gal. p w Tested Re marks: (Gravel tion of other s	or Flowing vel800 er min. of da Pump packing, place of us imilar per	Wellfee	et at	Daily	per minute.
	w sey T.15n R	She Pu Dis E Ho Rei	ut-in Pressure f mping Water Le scharge in gal. p w Tested Re marks: (Gravel tion of other s	or Flowing vel800 er min. of da Pump packing, place of us imilar per rigated, if	flowing we Lenguerenting, se of grountinent info	th of Test packers, ty adwater if pormation, in	Dailyvpe of shrot at well	utoff, loca-
	SE½NE Sec9 T.15N R. Indicate location of well place of use, if possible. I	Pu Dis Ho Rei	ut-in Pressure funping Water Lescharge in gal. pow Tested	or Flowing vel800 er min. of da Pump packing, place of us imilar per rigated, if u	flowing we Leng cementing, se of grountinent info	th of Test packers, tyndwater if rormation, in	Daily we not at we neluding	utoff, loca- li, and any number of
	SEMME Seco T.15N R. Indicate location of well place of use, if possible. I small square represents 10 ac	Pu Dis Ho Rei	ut-in Pressure f mping Water Le scharge in gal. p w Tested	or Flowing vel800 er min. of da Pump packing, place of us imilar per rigated, if u illed in Cat. Creel	flowing we Leng cementing, se of grountinent info	packers, to dwater if pormation, in rigation)	Dailyvpe of shrat at well actuding:	utoff, loca- ll, and any number of
	SE½NE Sec9 T.15N R. Indicate location of well place of use, if possible. I	Pu Dis Ho Rei	ut-in Pressure f mping Water Le scharge in gal. p w Tested	or Flowing vel800 er min. of da Pump packing, place of us imilar per rigated, if u illed in Cat. Creel	Wellfee flowing we Leng cementing, se of groun tinent info used for ir	packers, to dwater if pormation, in rigation)	Daily per shring a language of	per minute. utoff, loca- il, and any number of

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

22234

STATE OF MONTANA, County of Petroloum, Sc. Filed NOV 2 6 1968

1:50 o'clock

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Director of K foords. at 10:50 o'clock 13. M.

4—Helena Independent Record	, ° 🌬 10
File No	T. 15 M. R. 29 E.
TRIPLICATE	County Petroleus

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

	C	DECEIVE		
			Vested Groundwater Rights 237, Montana Session Laws, 1961)	STATE ENGINEE
	Appropriator)	······································	of (Address)	Cat Cresk (Town)
have appropriated glows:	roundwater ac	cordin	State of Montana ng to the Montana laws in effect prio	r to January 1, 1962, as fol
N		2.	The beneficial use on which the claim and atock use	
		3.	Date or approximate date of earliest latinuous the use has been	
	E	4.	The amount of groundwater claimed per minute) 5 gallons per minute	(in miner's inches or gallon
5		5.	If used for irrigation, give the acre lands to which water has been appli	······
77.14NFL Sec.10 T15	H R 29. E		thereof not applicable	
ndicate point of appro	priation	_		
nd place of use, if plach small square reprecess.	esents 10	6.	The means of withdrawing such wate location of each well or other means cleatric pump	of withdrawal
ach small square repre cres.	cement and cotter	mplet	location of each well or other means	of withdrawallls, or other works for with
The date of commendrawal of groundwal The depth of water to	cement and conter approximately approximatel	mplet	location of each well or other means electric pump ion of the construction of the well, we ely 1947 tely 400 feet ze and depth of each well or the ge	of withdrawal
The date of commendrawal of groundwal The depth of water to	cement and conter approximately approximatel	mplet	location of each well or other means electric pump ion of the construction of the well, we ely 1947 tely 400 feet ize and depth of each well or the ge dwater Depth of well is 2000 well and converted into a wa	of withdrawal lls, or other works for with- meral specifications of any foot, 5.3/8" casing.
The date of commendate and of groundward. The depth of water of the works for the the well was discussed.	cement and conter approximately approximatel	mplet vimat ve, si groun	location of each well or other means electric pump ion of the construction of the well, we ely 1947 tely 400 feet ze and depth of each well or the ge dwater Depth of well is 2000 well and converted into a va	of withdrawal lls, or other works for with- meral specifications of any feet, 5.3/8" casing. ter well.
The date of commendrawal of groundwate. The depth of water of the well was different works for the well was different works.	cement and conter spprontable spprontable, the tywithdrawal of rilled as are not of groundward of groundward and of groundward specific sp	mplet. inat pxima ype, si groun oii	ion of the construction of the well, we selve the construction of the well, we selve 1947 Lely 400 feet Ize and depth of each well or the ge dwater Depth of well is 2000 well and converted into a wall withdrawn each year 100,000 gal	of withdrawal lls, or other works for with- meral specifications of any feat, 5.3/8" casing. ter well.
The date of commendrawal of groundwate. The depth of water of the well was different works for the well was different works.	cement and conter spprontable spprontable, the tywithdrawal of rilled as are not of groundward of groundward and of groundward specific sp	mplet. inat pxima ype, si groun oii	location of each well or other means electric pump ion of the construction of the well, we ely 1947 tely 400 feet ze and depth of each well or the ge dwater Depth of well is 2000 well and converted into a va	of withdrawal lls, or other works for with- meral specifications of any feat, 5.3/8" casing. ter well.
The date of commendate and of groundwal. The depth of water to the well was different works for the well was different was diff	cement and corter	mplet inat	ion of the construction of the well, we selve the construction of the well, we selve 1947 Lely 400 feet Ize and depth of each well or the ge dwater Depth of well is 2000 well and converted into a wall withdrawn each year 100,000 gal	of withdrawal lls, or other works for with- meral specifications of any feat, 5.3/8" casing. ter vell. long per year
The date of commendate and of groundwal. The depth of water to the well was different works for the well was different was diff	cement and corter	mplet inat	location of each well or other means clectric pump ion of the construction of the well, we cly 1947 tely 400 feet ze and depth of each well or the ge dwater Depth of well is 2000 well and converted into a va vithdrawn each year 100,000 gal drilling of each well if available	of withdrawal lls, or other works for with- neral specifications of any fact, 5.3/8" casing. ter well. long per year

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

21974

STATE OF MONTANA.

Filed May 3/ 1960

4:00 o'clock P. M.

County Register.

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County Petroleur

STATE ENGINEER

ines and Goology	MONTAN		U OF M itte, Mon	INES AND G tana	EOLOGY		
Oldham #29		WAT	ER WE	LL LOG			
	OwnerCo	ntinents	1_011	Company	Address	Box 700,	.Lewistown
	DrillerTe	ylor Dri	lling	Co.	Address		n. Montana
•	Date Started	9-4-5	59		Date Com	pleted9-	L2 - 59
	Location: Sec	10 T	15N	R 29E 1/4	secNE	SW	
Type of well	Drilled (Dug, driven, bored		Eq1	ipment used	Rotary		
	(Dug, driven, bored	, or drilled)			(Chur	n drill, rotary, oth	ier)
Water use: Domestic		Municipal .		Stock		Irrigation	
Industrial		Drainage		. Other:	Waterflo	od suppl	7
Casing: 1604.	ft. to Surface	ft.	Туре	2lı# J- 55	Size	8 5/8"	
Casing:	ft. to	ft.	Туре	***************************************	Size		
Casing:	_ft. to	ft.	Туре		Size		***************************************
Perforated or Screened	: Ft	to ft		Ft	••••••	to ft	
Type of screen or perfor	ations Op s	n hole c	omple	tion			
Static Water level, for n	on-flowing well:	Surf			••••••		feet.
Shut-in pressure, for flo	owing well:	0		lb./sq. in. on:	10-	8-59 (date)	
Pumping water level	250	feet	at	93.5	ga	l. per min	
How tested: Pump	tested int	a tank w	ith R	eda pump			
Length of test8	hours	••••••	·····	•••••			••••••
Remarks: (Gravel pac	king, cementing	, packers, t	ype of si	aut-off, depth	of shut-off)	
	••••••••		•••••	•			
					••••••		••••••••••
			••••••	•••••••••••••••••••••••••••••••••••••••		•••••••	••••••••
	•••••				•••••••••		••••••

(over)

		Dug of wen
Depth, feet		Description of Material Drilled
From	То	
1147		Dakota Silt
1239	1334	lst Cat Creek
1452	1511	2nd Cat Creek
1598	1711	3rd Cat Creek
		Core Description
1190	1228	Core #1, recovered 36'. Black laminated shale.
1228	1286	Core #2, recovered 57\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\
1286	1314	Core #3, recovered 26'. Gray siltstone, gray sandstone, good odor and stain in siltstone, bleeding oil from few siltstone lenses.
1314	1325	Core #4, recovered 10. Gray siltstone interbedded with black shale, bleeding free oil from siltstone lenses. Highly fractured diagonally across core.
1325	1345	Core #5, recovered 20. Black shale, diagonal fractures, gray dense siltstone; red, soft, fine grained sand, little diagonal fracturing.
1420	1445	Core #6, recovered 21'. Gray and red shale, diagonal fractures and slippage planes; red siltatone, shaley streaks.
11445	17195	Core #7, recovered 24. All of core loss was in soft 2nd Cat Creek sand. Gray and red siltatone highly fractured. Gray dense sandstone, vertical fractures. Red shale. Gray dense shale.
.,		Red share. Gray dense share.
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		т 15N	R 2	9E
CTAT		CountyP	etroleum	••••••••••
STATE ENGINEER				
MONTANA BUI	REA J OF MINES Butte, Montana	AND GEOLOGY		
Cat Creek Unit Area #2, Well #54	Duvec, Montana			
V	VATER WELL LO	OG .		
(Cld #: Montans-Superior #4)			D 700	Y
Owner Contine	ntal Oil Comp	Address.	DOX (UU,	Montena
Driller Taylor	Drilling Co.	Address	Box 349,	Lewistown
Date Started10	-12-59	Date Con	pleted 10	-17-59
			-	
Location: Sec. 10	T. 424 R	E75 1/4 sec	J11	***************************************
Type of well	Equipmen	t used Rota	r y	ther)
(Dug, driven, bored, or drill	ed)	(Chur	n drill, rotary, o	her)
Water use: Domestic Munic	ipal	Stock	Irrigation	ل_ن
Industrial Drain	age O	ther: Waterf	lood Supp	ly
Casing: 1705 RB ft. to Surfece	t. Type 2h# J	-55 size	8 5/8"	
Casing:ft. to	• •			
Casing:ft. to	t. Type	Size	***************************************	
Perforated or Screened: Ft t	o ft	Ft	to ft	·····
Type of screen or perforationsOp	en hole compl	etion		
Static Water level, for non-flowing well: Su	rface			feet.
Shut-in pressure, for flowing well:				
			(date)	
Pumping water level		ge	I. per min	
How tested: Pump tested into ts	nk			
Length of test 24 hours				
	and the state of short of	# James as about as		
Remarks: (Gravel packing, cementing, pack	ers, type of snut-of	ı, depin di snut-dii	J	
	***************************************			***************************************

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(over)

Depti From	n, feet To	Description of Material Drilled						
1250	1327	Dekota Silt						
1327	1485	1st Cat Creek sand						
1551	1615	2nd Cat Greek sand						
1700	1794	3rd Cat Greek sand						
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T 15N R 29E County Petroleum Harlan Lease, Well #13 MONTANA BUREAU OF MINES AND GEOLOGY STATE ENGINEER Butte, Montana WATER WELL LOG Owner Continental Oil Co. Address Box 678, Fowell, Myoming Driller Address. x Date Started 6-14-47 Date Completed 6-26-47 Location: Sec. 10 T 15N R 29E 1/2 sec. NW NE Equipment used. Rotary (Churn drill, rotary, other) Type of well Drilled Water use: Domestic Municipal Stock | Irrigation Industrial I Water flooding Drainage Other:.... Type 14 & 17 1b Size 5 1/2* Casing: Surface n to 1713 n Casing: ft. to ft. Type Size Type of screen or perforations Open hole Static Water level, for non-flowing well: Pumping water level 1713 feet at 14500 BW/Ro. gal. per min. How tested: Tenk Tost Length of test. Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Produced water to be used for water flooding. At present well is producing oil and

(over)

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Dep	ih, feet	
From	To .	Description of Material Drilled
0	650	Shale
650	1220	Black shale
1220	1320	Sand
1320	1390	Varigated shale
1390	1500	Sand
1500	1540	Varigated shale
1540	1680	Sand (water)
1680	1716	Shale and siltstone
1726	1771	Sand
	1	
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Continental aid to 32

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	T 15N R 29E
DECEMPED	County. Petroleum
DECEIVED	Harlan Lease, Well #12
AUG 3 0 1957 MONTANA BUREAU OF MI	
STATE ENGINEER	
WATER WEL	L LOG
Owner Continental Oil Co.	Address Box 878, Powell, Wyoming
Driller	Address
x Date Started 5-19-47	Date Completed 6-4-47
Location: Sec. 10 T. 15N	R 29E 1/4 sec SW NW
Type of well Drilled Equi	pment used
(Dug, driven, bored, or drilled)	pment used(Churn drill, rotary, other)
Water use: Domestic Municipal	Stock Irrigation
Industrial X Drainage	Other: Water flooding
Casing: Surface	5.5 lb Size 5 1/2"
Casing:ft. toft. Type	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft to ft to	Ft to ft
Type of screen or perforations. Open hole	
Static Water level, for non-flowing well:	
Shut-in pressure, for flowing well:	lb/sg in, on:
	(date)
Pumping water level 7550	gal. per min
How tested: Tank test	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of sh	ut-off, depth of shut-off)
Produced water to be used for water flood. At pr	resent well is producing oil and water.

(over)

Dept From	th, feet To	Description of Material Drilled
0	700	Shale
700	1275	Black shale
1275	1303	Sand
1303	1407	Varigated shale
1407	14:37	Sand
1437	156 5	Shale and siltstone
1565	1725	Sand (water)
1715	1746	Shale and sandstone
1746	1762	Varigated shale
1762	1800	Sand
1800	1890	Varigated shale
1890	1916	Sand
1916	1918	Shale
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AUG 30 1957

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

STATE ENGINEER

	WATER	WELL LOG	
	Owner Continental Oil	50.	Address Box 878, Powell, Wyomin
	Driller	A	Address
x	Date Started 5-21-46	I	Date Completed 6-7-46
	Location: Sec. 10 T. 1	5N R 29E 1/4 se	c. SW NW
Type of well	Drilled (Dug, driven, bored, or drilled)	Equipment used Rota	(Churn drill, rotary, other)
Water use: Domestic	Municipal] Stock	Irrigation
Industrial	X Drainage	Other: Wat	er flooding
		15 lb	Size5"
Casing:	ft. toft. Ty	pe	. Size
Casing:	ft. toft. Ty	pe	Size
Perforated or Screened	: Ft to ft	Ft	to ft
Type of screen or perfor	ations Open hole	•••••••••••••••••••••••••••••••••••••••	
Static Water level, for n	on-flowing well:	***************************************	feet.
Shut-in pressure, for flo	owing well:	lb./sg. in. on:	
			(date)
Pumping water level	1875 feet at .	3450 BW/Mo.	gai. per min
How tested:	ack Test	•••••••	
Length of test			
•	king, cementing, packers, type be used for water floodi		•
water.		•••••••••••••	
		•••••••	
····	(0	ver)	

Depth, feet		Daniel Hanne & Market Daillie d
From	То	Description of Material Drilled
0	650	Shale
650	1220	Black shale
1220	1320	Sand
1320	1390	Varigated shale
: 390	1500	Sand
1500	1540	Varigated shale
1540	1700	Sand (water)
1700	1724	Shale and siltstone
1724	1755	Sandstone
1755	1805	Gray shale
1805	1875	Varigated shale
1875	1904	Sand
-		
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Continental oil Co.

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MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

		WILLIAM	LL LOG	
	Owner Contin	ental Oil Co.	Addres	s Box 878, Powell, Wyon
x	Driller		Addres	S
	Date Started	11-3-24	Date C	ompleted 11-15-24
	Location: Sec. 1	0 _{T.} 15N	R 29E 1/4 sec. SE	NW
ype of well	Drilled (Dug, driven, bored, o	Equ	ipment used Cable (CI	tools
Vater use: Domes		Municipal	Stock	Irrigation
Industr	ial X	Drainage	Other: Water flo	oding
	ft. to 1267	ft. Type	20 1b Size	6 5/8"
asing:	ft. to	ft. Type		
asing:	ft. to	ft. Type	Size.	
erforated or Scree	ned: Ft	to ft	Ft	to ft
ype of screen or pe	rforations	hole		
tatic Water level, fo	or non-flowing well:			fee
hut-in pressure, fo	r flowing well:		.lb./sq. in. on:	(date)
umping water leve	1267	feet at2	BW/Mo.	gal. per min
ow tested:	ank test			
ength of test				
•	,		nut-off, depth of shut-o	•
roduced water t	o be used for wat	er flooding. A	t present well is p	roducing oil and
ater.		·····		
				······
2		(over)		

Depth, feet		Description of Material Drilled			
From	To				
	10	Gray shale			
10	25	Brown loam			
25	366	Gray shale			
366	372	Mosby Sand			
372	1170	Gray shale			
1170	1181	Sandy shale			
1181	1186	Shell and sand			
1186	1265	Sandy shale			
1265	1308	1st Sand			
		· ·			
		Value of the West Const.			
	İ				
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		1 2 2 2 2 2			
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		Count			
		County 28			
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		M. 19 5 Deputy.			
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Continental oil Co. 35

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STATE ENGINEER

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County Petroleum

Herlan Lease, Woll #6
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	Continue	043 05	Bor 878. Powell, Munn
- <u>-</u>	Owneroombilisticati	OLL ON	Address Box 878, Powell, Wyom
x	Driller		Address
	Date Started 11-1	3-22	
	Location: Sec. 10	T. 15N R 291	E 14 sec. SW NW
Type of Well	Drilled (Dug, driven, bored, or drilled	Equipment us	Sed Cable tools
Water use: Domest	 7	[]	(Churn drill, rotary, other) tock Irrigation
Industri	al X Draina	ge Other	. Water flooding
Casing: Surface	ft. to 1421 ft.	туре 20 1ь	Size 6.5/8#
Casing:	ft. toft.	Type	Size
Casing:	ft, toft	Туре	Size
Perforated or Screen	ned: Ft to	ft F	't to ft
Type of screen or per	forationsOpen hol	9	
Static Water level, fo	r non-flowing well:	•	feet
Shut-in pressure, for	flowing well:	lb./sq. in.	on:(date)
Pumping water level	1421	feet at 120 BW/Mo.	gal. per min
How tested: To	nk test		
Length of test			
Remarks: (Gravel p	acking, cementing, packer	s, type of shut-off, de	epth of shut-off)
Produced water t	o be used for water f.	looding. At prese	ent well is producing cil and
water.			

***************************************	••••••		
		(over)	

Log of Well

Depth, feet		Description of Material Drilled			
From	To .				
.0	5	Soft brown loam			
5	360	Hard gray shale			
360	363	Mosby Sand			
363	1230	Soft blue and gray shale			
1230	1271	Gritty shale			
1271	131.0	1st Sand			
1310	1320	White shale			
1320	1326	Pink shale			
1326	1330	Sand			
1380	1427	Red shale			
1427	1454	Sand			
	<u> </u>				
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		County Recorder. Deputy.			
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STATE ENGINEER

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MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

	-		
	Owner Continental Cil	Co. Addr	ess Box 878, Powell, Wyoming
x	Driller	Addro	ess
	Date Started 5-23-23	Date	Completed 6-13-23
	Location: Sec10 T	15N R 29E 1/4 sec. S	W NW
Type of wellDri	(Dug, driven, bored, or drilled)	Equipment usea	Tools Churn drill, rotary, other)
Water use: Domesti	 -	Stock	Irrigation
Industria	al X Drainage	Other: Water	flooding
Casing: Surface	ft. to1258ft. T	ype 24 lb size	8 1/4"
Casing:	ft. toft. T	ypeSize	3
Casing:	ft. toft. T	ypeSiz	<u> </u>
Perforated or Screen	ed: Ft to ft	Ft Ft	to ft
Type of screen or peri	forations. Open hole		
Static Water level, for	non-flowing well:		feet.
Shut-in pressure, for	flowing well:	lb./sq. in. on:	(date)
Pumping water level.	1258 feet at	100 BW/Ms.	gal. per min
How tested:	Tank Test		
Length of test			
Remarks: (Gravel p	acking, cementing, packers, type	e of shut-off, depth of shut	-off)
Produced water to	be used for water flooding	g. At present well is	producing oil and
water.			
•••••			
•			
0		(over)	•

Log of Well

Dept	h, feet	
From	To ,	Description of Material Drilled
0	370	Blue and dark shale
370	380	Sand
380	1165	Blue and gray chale
1165	1270	Gritty shale
1270	1330	1st Sand
1330	1345	Red shale
1345	1380	Sand
1380	1435	Red shale
1435	1460	Send
1460	1467	Red shale
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MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

	Owner Cont	inental Oil (Co.	Address.	Box 878, Po	well, Wyc
×						
	Date Started	10-27-21		Date Cor	npleted 31-1	2-21
			15N R 29E ,			
'ype of well	Drilled (Dug, driven, bored	i. or drilled)	Equipment used	Cable	tools	
Water use: Domestic		Municipal	Stock		Irrigation	
Industrial		Drainage _	Other:	Water fl	coding	***************************************
casing: surface	ft. to 1393	ft. T	уре 28 1ь	Size	8 1/4"	••••••
Sasing:	ft. to	ft. T	ype	Size		••••••
asing:	_ft. to	ft. T	ype	Size		••••••
erforated or Screened	: Ft	to ft	Ft		to ft	
Type of screen or perfor	ations Op	en hole	***************************************			••••••
tatic Water level, for n	on-flowing well:	***************************************	***************************************			fer
hut-in pressure, for flo	wing well:		lb./sq. in. on:			
umping water level	1300	feet at	30 BW/Mo.	gr	(date)	
,	test		•••••••••••••••••••••••••••••••••••••••			
ength of test	*************************	*************************				
temarks: (Gravel pact	king, cementing	, packers, type	e of shut-off, depth	of shut-of	f)	
••••••		•••••••				•••••••••••••••••••••••••••••••••••••••
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h, feet	Description of Maturial Duilland				
To	Description of Material Drilled				
172	Dark shale				
177	Mosby Sand				
775	Dark shale				
855	Dark gray shale				
1165	Dark shale				
1260	Sandy shale				
1319	1st Sand				
<u> </u>					
<u> </u>					
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	172 177 177 775 855 1165				

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STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

The of well Drilled Equipment used Cable Tools						
Date Started 10-18-24 Date Completed 11-13-24 Location: Sec. 10 T. 15N R. 29E 1/2 sec. NE SM The of well Drilled Equipment used Cable Tools (Churn drill, rotary, other) Stater use: Domestic Municipal Stock Irrigation Industrial I Drainage Other: Water flooding Surface ft. to 1289 ft. Type 20 lb Size 6 5/8" Ising: ft. to ft. Type Size Informated or Screened: Ft. to ft. Type Size Informated or Screened: Ft. to ft. Ft. to ft. Ft. to ft. Type of screen or perforations Open hole Industrial I Drainage Other: Water flooding Size 6 5/8" Informated or Screened: Ft. Type Size Informated or Screened: Ft. to ft. Ft. to ft. Ft. to ft. Ft. Type of screen or perforations Open hole Industrial I Drainage Other: Water flooding Size 6 5/8" Informated or Screened: Ft. Type Size Informated or Screened: Ft.		Owner Continental	Oil Co.		Address Box 878	Powell, Wyo
Date Started 10-18-24 Date Completed 11-13-24 Location: Sec. 10 T 15N R 29E 4 sec. NE SW Type of well Drilled Equipment used Cable Tools (Churn drill, rotary, other) Tater use: Domestic Municipal Stock Irrigation Municipal Other: Water flooding Industrial X Drainage Other: Water flooding Surface ft. to. 1289 ft. Type 20 lb Size 6 5/8" Ising: ft. to. ft. Type Size Ising: ft. to. ft. Type Size Informated or Screened: Ft. to ft. Ft. to ft. Type of screen or perforations Open hale Interior pressure, for flowing well: Ib/sq. in. on: (date) Implied Completed 11-13-24 Interior Churn drill, rotary, other) Water flooding Complete 1289 ft. Type Size Interior Churn drill, rotary, other) Interior Churc drill, rotary, other church drill, rotary, other churc		Driller			Address	
(Churn drill, rotary, other) (ater use: Domestic		Date Started 10-18	;-24		Date Completed	1-13-24
(Churn drill, rotary, other) Tater use: Domestic Municipal Stock Irrigation Industrial X Drainage Other: Water flooding Industrial X Drainage Other: Water flooding Surface ft. to. 1289 ft. Type 20 lb Size 6 5/8" Issing: ft. to. ft. Type Size Insing: ft. to ft.		Location: Sec. 20	T. 15N	R 29E 1/4	sec. NE SV	
Industrial X Drainage Other: Water flooding Surface 1289 ft. Type 20 lb Size 6 5/8" Ising: ft. to ft. Type Size Informated or Screened: Ft. to ft. Type Size Size of screen or perforations Open hole Size of flowing well: Ib/sq. in. on: (date) Industrial X Drainage Other: Water flooding Industrial X Drainage Industrial X Drainag	pe of wellDr		Equ	ipment used	Cable Tools	
Industrial 12 Drainage Cother: Surface 1289 ft. Type 20 lb Size 6 5/84 asing: ft. to ft. Type Size a	ater use: Domestic			Stock		[]
asing:ft. toft. TypeSize	Industrial	X Draina	ge 🔲	Other:	water flooding	
erforated or Screened: Ft	Surface		Туре	20 1ь	Size 6 5/8 ⁴	t
reforated or Screened: Ft	asing:	ft. toft.	Туре		Size	
tatic Water level, for non-flowing well: mut-in pressure, for flowing well: (date) 1289 feet at 13 BW/Mo. gal. per min mut-in pressure, for flowing well: mut-in pressure, for flowing well: mut-in pressure, for flowing well: gal. per min mut-in pressure, for flowing well: gal. per min emarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	asing:	ft. toft.	Туре	•••••••••••	Size	
tatic Water level, for non-flowing well: nut-in pressure, for flowing well: numping water level Tank Test emarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	erforated or Screened	i: Ft to	ft	Ft	to ft	
nut-in pressure, for flowing well: umping water level. 1289 feet at 13 BW/Mp. gal. per min ow tested: ength of test emarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	ype of screen or perfo	rations. Open hole	<u> </u>	***************************************		•••••
(date) umping water level 1289 feet at 13 BW/Mp. gal. per min. ow tested: gal. per min. ength of test gal. per min. emarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	tatic Water level, for r	non-flowing well:	•••••	*************************		feet
umping water level 1289 feet at 13 HW/Mo. gal. per min. ow tested:	hut-in pressure, for fl	owing well:	•••••	.lb./sq. in. on:		
emarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	nima watan laval	1289	reet at 13	BW/Mo.	,	
emarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	the state of the s	ank Test			.	
temarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Produced water to be used for water flooding. At present well is producing oil and water	•			•••		
,	-					
	•			· •	·	oil and water
			••••••••			·····
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			•••••••			
			(over)			

Dep	th, feet	The state of the state of The Nation
From	To	Description of Material Drilled
0	300	Shale
300	305	Mosby Sand
305	1170	Shale
1170	1288	Sandy shale - showing oil
1288	1312	Oil sand, showing muddy shale at bottom
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DECEIVED	County Petroleum Oldham Lease, Well #16
MONTANA BUREAU OF MINES A	ND GEOLOGY
STATE ENGINEER	
WATER WELL LOG	
Owner Continental Cil Co.	Address Box 878, Powell, Wyoming
Driller	Address
Date Started 9-30-24	Date Completed10-14-24
Location: Sec. 10 T. 15N R. 2	9E 1/4 secNE SW
Drilled	Cable toole
Type of well Equipment to (Dug, driven, bored, or drilled)	ised Cable tools (Churn drill, rotary, other)
Water use: Domestic Municipal S	Stock Irrigation
Industrial X Drainage Othe	er: Water flooding
	Siza 6 5/8"
Casing:ft. toft. Type	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft to ft to	Ft to ft
Type of screen or perforations	
Static Water level, for non-flowing well:	feet.
Shut-in pressure, for flowing well:lb./sq. in	ı. on:(date)
Pumping water level 1270 feet at 27 BW/Mo.	gal. per min
How tested: Tank test	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off, c	depth of shut-off)
Produced water to be used in water flooding. At prese	ent well is used to produce oil
and water.	

(over)

		Tog or wen
	h, feet	Description of Material Drilled
From	To :	Describiton or Marerial Diffied
0	250	Shale
250	255	Mosby Sand - dry
255	1160	Shale
1160	1170	Sandy shale
1170	1176	Sandy shale, hard
1176	1266	Sandy r'
266	1305	lst oil
L305	1310	Sand, fil., light, hard
1310		Sand mixed with white soft shale
	 	
	İ	County of
	1	County C
		County I
		Parp Parp
		County Recorder.
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Cour	nty Potr	oleum	***************************************	
	am Lease			

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

Owner Continental Oil Co. Address Box 878, Powell, Wyomin
Driller Address
Date Started 4-21-23 Date Completed 5-25-23
Location: Sec. 10 T. 15N R. 29E 1/4 sec. SW SW
Type of well. Drilled Equipment used Cable tools (Dug, driven, bored, or drilled) (Churn drill, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial X Drainage Other: Water flooding
Casing: Surface ft. to 1290 ft. Type 25 lb Size 8 1/4"
Casing:ft. toft. TypeSize
Casing:ft. toft. TypeSize
Perforated or Screened: Ft to ft Ft to ft
Type of screen or perforations. Open hole
Static Water level, for non-flowing well:feet.
Shut-in pressure, for flowing well:lb./sq. in. on:
Pumping water level 1290 feet at 25 BW/Mo. gal. per min
How tested: Tank test
Length of test
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Produced water to be used in water flooding. At present well is used to produce oil
and water.
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Depth, feet					
From	То	Description of Material Drilled			
0	220	Black shale			
220	225	Mosby Sand			
225	575	Black shale			
575	675	Gray Sandy Shale			
675	790	Gray shale			
790	1010	Black muddy shale			
1010	1055	Black sandy shale			
1055	1060	Black muddy shale			
1060	1214	Gray muddy shale			
1214	1291	Blue muddy shale			
1291	1357	First Sand			
		<u> </u>			
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County Pet			***************************************

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montaga

	Owner Continental Of	il Co.	Address Box 878, Po	well, Wyoming
	Driller		Address	
x	Date Started 6-27-2	22	Date Completed	0-22
	Location: Sec. 10	15N R 29E 14	secNE SW	
Type of well Dril	led (Dug, driven, bored, or drilled)	Equipment used	Cable tools (Churn drill, rotary, oth	er)
Water use: Domestic	Municipal	Stock	Irrigation	
Industrial	X Drainage	Other:	Water flooding	,
Casing: Surface	.ft. to1451ft.	туре. 20 1ь	Size 6 5/819	
Jasing:	ft. toft.	Туре	Size	
Casing:	ft. toft.	Туре	Size	
Perforated or Screened	: Ft to ft.	Ft Ft	to ft	
Lype of screen or perfor	ations Open hole			
Static Water level, for n	on-flowing well:		***************************************	feet.
Shut-in pressure, for flo	owing well:			
			(date)	
Pumping water level	1451 fee	t at 2700 BW/Mo.	gal. per min	
How tested: Tan	k test			***************
Length of test				
Remarks: (Gravel pacl	king, cementing, packers,	type of shut-off, depth of	of shut-off)	
	be used in water flood			e oil
and water.			······································	
one weed .				••••••••
				•••••••••••••••••••••••••••••••••••••••
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		Log or well
	th, feet	Description of Material Drilled
From	To ·	
0	215	Shale
215	223	Mosby Sand
223	440	Gray shale
440	515	Blue shale
515	530	Gray shale
530	570	Blue shale
570	600	Black shale
600	642	Blue shale
642	650	Dark shale
650	680	Gray shale
680	750	Blue shale
750	785	Gray shale
785	1235	Blue shale
1235	3.278	Gray shale
1278	1318	Oil sand
1318	1360	Sandy shale
1360	1380	Broken shale
1380	1445	Red shale
1445	1450	dray sur surre
1450	1461	Oll sand
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	T 15N	29E
DECEIVED	County Petro	
AUG 3 0 1957 WONDANA PURPEAU OF MINES AND		Lease Well #4
MONTANA BUREAU OF MINES AND	GEOLOGY	
STATE ENGINEER Butte, Montana		
WATER WELL LOG		
Owner Continental Cil Co.	AddressBox	: 878, Powell, Wyo.
Driller	Address	
Date Started	Date Complet	ed Unknown
X		
Location: Sec. 10 T. 15N R. 29E	1/4 sec. SE SW	
Pud 17 ad	Cobi e Feel	•
Type of well Equipment used (Dug, driven, bored, or drilled)	(Churn dri	l, rotary, other)
	·	
Water use: Domestic Municipal Stoc	k	rrigation
	•	• .
Industrial X Drainage Other:		
Casing: Surface ft. to 1290 ft. Type. 28#	Size 8 1/	/ T a
Casing:ft. toft. Type	Size	
Casing:ft. toft. Type	Size	***************************************
Perforated or Screened: Ft to ft Ft		to It
Type of screen or perforations. Open hols		
		. *
Static Water level, for non-flowing well:		feet
Shut-in pressure, for flowing well:lb./sq. in. on	•	
	(ď	ate)
Pumping water level 1290 feet at 78 BW/Mo.	gal. pe	er min
How tested:		
How tested:		
Length of test	••••••••••••	
	h of shut off	
Remarks: (Gravel packing, cementing, packers, type of shut-off, dept		
Produced water to be used for water flooding. At present	well is produ	ning oil and
water.		
Mare and 4		•••••••••••••••••••••••••••••••••••••••
	•••••	

(over)

Log of Well

Dept	h, feet	Description of Material Drilled
From	То	Description of Material Planet
0	240	Shale
240	245	Hosby Sand
245	1280	Shale
1280	1290	Sandy Shale
1290	1355	First Sand
1355	1385	Gray Shele
1385	1405	Sand
1405	1417	Gray Shale
1417	14.22	Sand
1755	1452	Red Shale
14,52	1464	Elue Shale
2464	1470	White Shale
1470	1496	Mottled Shale
1496	1502	Gray Shale
1502	153.0	Sand.
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	, Pet:				
	Benson				••••••

STATE ENGINALA BUREAU OF MINES AND GEOLOGY Butte, Montana

	1	Con	historia (11 Ca			Pers d70 De	nedd Plans
 		Owner	ATTIGINAT (/11 OU.		Address	Box 878, Po	werre whoe
		Driller				Address		
	X	Date Started	Unknor	a	***************************************	Date Co	mpleted5-12	-21
		Location: Sec.	10 T	15N	R 29B 14	sec	nw se	
Type of well.		Drilled		Eani	oment used	Cable	tool	
Type of wen.	•••••••	(Dug. driven, bored	l, or drilled)		Juicing abou	(Ch	urn drill, rotary, ot	her)
Water use:	Domestic		Municipal		Stock		Irrigation	
	Industrial	X	Drainage		Other:		••••••	
Casing: S	urface	ft. to 1336	ft.	Туре2	6 #	Size	8 1/4*	
Casing:	••••••	ft. to	ft.	Туре		Size	•••••••	••••••
Casing:	***************************************	ft. to	ft.	Туре	••••••	Size	······································	•
Perforated o	r Screened	l; Ft	to ft	····	Ft	*************	to ft	
Type of scree	en or perfo	rations	roje	••••	******************************		***************************************	
Static Water	level, for r	non-flowing well:	***************************************	·····				f3et.
Shut-in pres	sure, for flo	owing well:	•••••	1	b./sq. in. on:			
•		1.336		132	BW/No.		(date) gal. per min	
Pumping wa								
How tested:.	Tank	Test	••••••••	••••••			••••	•••••••••••••••••••••••••••••••••••••••
Length of te	st		••••••		••••••••		••••••••••••	
	-	king, cementing						er.
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Continental oil Co. County recorder. Deputy.

U. P.M.

29E County Petroleum DECEIVE B. R. Benso B. R. Benso MONTANA BUREAU OF MINES AND GEOLOGY Butte. Montana B. R. Benson Lease Wall #1 STATE ENGINEER WATER WELL LOG Continental Oil Co. Address Box 878, Powell, Myo. Address Unknown Date Completed Farly 1921 $_{
m T}$ 15N $_{
m R}$ 29E $_{
m M}$ sec. NW SE Equipment used Cable Tool
(Churn drill, rotary, other) Type of well..... Water use: Domestic Municipal Irrigation Other: Water Flooding Drainage - Size 10° Casing:____ft. to.____ft. Perforated or Screened: Ft...... to ft...... to ft...... to ft...... Type of screen or perforations. Open hole Static Water level, for non-flowing well: Shut-in pressure, for flowing well: _____lb./sq. in. on:_____ (date) 1315 100 BW/Ho.gal. per min..... Pumping water level.... How tested:... Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Water to be used for water flooding. At present well is producing oil and water.

Den	th, feet	
From	To	Description of Material Drilled
0	280	Blue Shale
280	284	Mosby Sand
284	1080	Blue Shale
1080	1120	Black Shale
1120	1180	Blue Shalo
1180	1270	Gray Sandy Shale
1270	1300	Gray Sandy Shale
1300	1352	Gray Sandh Shale
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Cou	nty	o leu m		
	tana-Sun			

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

		WAILE	VELL LUG		
	OwnerCo	ntinental 011 0	0.	Address Box 878,	Powell, Wyo.
	Driller			Address	
x	†			Date Completed	
Type of well		d, or drilled)			
Water use: Dor	nestic	Municipal	Stock	Irrigation	n 🗌
Indu	ıstrial 🕱 .	Drainage		Water Flooding	
Casing: Surfac	ft. to 1380	ft. Type	21#	Size 8 1/4"	
Casing:	ft. to	ft. Type)	Size	
Casing:	ft, to	ft. Type)	Size	
Perforated or Sc	reener Ft	to ft	Ft	to ft	
Type of screen or	perforations Open	pole		••••••	***************************************
Static Water leve	el, for non-flowing well	• •			feet.
Shut-in pressure	, for flowing well:		lb./sq. in. on:	(đạte)	
Pumping water l	evel 1380	feet at	55 BW/Ho.	gal. per min	
	vel packing, cementing				***************************************
	_			well is used to pro	oduce oil and
water.					

•••••		***************************************		•••••••••••••••••••••••••••••••••••••••	
***************************************				•••••••••••••••••••••••••••••••••••••••	
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Dept	h, feet							
From To		Description of Material Drilled						
0	320	Dark Shale						
320	325	Mosby Sand						
325	1320	Dark grey shale						
1320	1385	Grey Sandy Shale						
1385	1392	Cil sand						
1392	1410	Shaley sand - oil						
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Continental oil 6.

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IN AUG	31	0 19!	57	رسا

T 15N R 29E

County Fatrologa
Harlaa Lease Well #13

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

	WIII DAL TIMEL	200		
Owner	Continental Oil Compa	ny Address	Box 873, Powell,	byo.
Z Driller		Address	3	*********
Date Star	ted 6-14-47	Date Co	mpleted 6-26-47	•••••
Location:	Sec. 10 T 15N	R 295 1/4 sec. Si	i NW	
Type of well	bored, or drilled)	nent used Rotary		
(Dug, driven,	bored, or drilled)	(Ch	urn drill, rotary, other)	
Water use: Domestic	Municipal	Stock	Irrigation	
Industrial X	Drainage	Other:		••••••
Casing: Surface ft. to	1710 ft. Type	Size		
Casing:ft. to	ft. Type	Size		•
Casing:ft. toft.	ft. Type	Size	••••••	
Perforated or Screened: Ft	to ft	Ft	to ft	•••••
Type of screen or perforations	Open hole			
Static Water level, for non-flowing				
Shut-in pressure, for flowing well:	lb	/sa.in.on:		
			(date)	
Pumping water level 1710	feet at3689	Bri/Ho.	gal. per min	••••••
How tested:				
Length of test				·
Remarks: (Gravel packing, cemer	nting, packers, type of shut	-off, depth of shut-o	ff)	
At present the well is used	to produce oil and wat	er.		
<u> </u>	······································			••••••
				••••••
······				•••••••
				••••••
				•••••
	(Over)			

		rog or wen
Depth		Description of Material Drilled
From	То	Description of Material Diffied
0	1220	Shale
1220	1320	Sand
1320	1390	Variegated Shale
1390	1500	Sand
1500	1540	Variegated Shale
1540	1680	Sand
1680	1716	Shale and Siltstone
		,
		Filed Filed
-	· ·	Filed OF:
		P O CH T S
		Clock A: County R
		1 \$1 19

Continental oil to.

U. Pan

Approved Stock Form-State Publishing Co., Helena, Montana-38687



File No.

T.....15N....R...29E.....

DUPLICATE

County....Petroleum....

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

JAN 3 196≸

Declaration of Vested Groundwater Rights FNGINEER

	C	ontin	ental0	ilCompa	any	, ofBox 2548	Billings
		(N	ame of .	Appropría	tor)	(Address)	(Town)
Cou	inty	of	Yel	lowston	8	State of Montana state of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of Stat	1 1060 og folloma
цау	e ap	propria	neu groi	1110 Water	according	to the montain laws in effect prior to as	inuary 1, 1902, as 10110 ws
			N				
1	ĺ				2.	The beneficial use on which the claim is b	
			-	-		Water supply well.	
			_			75.4	a
1	1				3.	Date or approximate date of earliest ben	·
						tinuous the use has beenNovember13	
<u>i</u>		 -	+	+ + +	E		
	x						
					4.	The amount of groundwater claimed (in	
			- 		ļ	per minute)2460_B/D_or72_Ga1/M	in
					ļ		
					E	If used for irrigation, give the acreage an	d description of the land
			<u> </u>		, J.	to which water has been applied and na	
			-			Not applicable	
.1/4	w s	Sec.10.	T.15N	R29g.			
			appropr			***************************************	······································
i pl	ace	of use	, if po	ssible.	0	mi	C
	nall	square	****	nte 10	υ.	The means of withdrawing such water :	irom the ground and th
			represer	103 10)	
		_	_			location of each well or other means of	withdrawal
The	e dat	#2, Ve of co	vell #2	ment and	ed-July-	Reds submersible pump ou of the construction of the well, wells, -8, 1947. Completed July 21, 1947	or other works for with
The dra	e dat wal Octo der far a	#2, Ve of coof grouber 25 oth of as it moor the	Jell #2 om: encer indwater 8,1963 water ta ay be av	ment andDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrilleDrille	ed July er well. Grd Cet he type, soundwater	Reds submersible pump ou of the construction of the well, wells, 8, 1947. Completed July 21, 1947 Creek Sand C 1551 ground level. size and depth of each well or the general s T.D. 1917. Plug back depth 17	or other works for with with the completed specifications of any other the complete control of the complete control of the complete control of the complete control of the complete control of the complete control of the complete control of the complete control of the complete control of the complete control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro
The dra	e dat wal Octo e der far a	#2, Vere of coof grow ber 24 oth of as it moor the or the	water ta ay be av withdray	ment andDrille ableTop vailable, tl val of gro17and	ed July er well : "3rd Cat he type, soundwater 20# set	Reds submersible pump ou of the construction of the well, wells, 8, 1947. Completed July 21, 1947 Coreek Sand C 1551 ground level. size and depth of each well or the general s T.D. 1917. Plus back depth 17 C 1879 with 250 sacks comont.	or other works for with with the completed specifications of any other the complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete complete
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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DUPLICATE

File No.....

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County Petroleum

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights TATE ENGINEER

County of Fergus have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as folk N 2. The beneficial use on which the claim is based.on. use.in. Cat Creek Waterflood 3. Date or approximate date of earliest beneficial use; and how tinuous the use has been. Movember., 1259continuous. since. 4. The amount of groundwater claimed (in miner's inches of gaper minute). 96. gal./min. 5. If used for irrigation, give the acreage and description of the to which water has been applied and name of the owner the which water has been applied and name of the owner the location of each well or other means of withdrawal. 6. The means of withdrawing such water from the ground and location of each well or other means of withdrawal. 7. The date of commencement and completion of the construction of the well, wells, or other works for underwal of groundwater			(Na	ame (of Ar	propri	ator)	of Bank Electr (Address)	(Tov	vn)
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Acting District Superint										

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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